Table S1. Target genes and primers used for the detection of *E. coli* phylogenetic groups [52,53] and pathotypes [124].

Primers	Sequences		Product size	Reference
Phylogroups				
ChuA.1	5'-GACGAACCAACGGTCAGGAT-3'		279-bp	[52]
ChuA.2	5'-TGCCGCCAGTACCAAAGACA-3'		279-bp	[52]
YjaA.1	5'-TGAAGTGTCAGGAGACGCTG-3'		211-bp	[52]
YjaA.2	5'-ATGGAGAATGCGTTCCTCAAC-3'		211-bp	[52]
TspE4C2.1	5'-GAGTAATGTCGGGGCATTCA-3'		152-bp	[52]
TspE4C2.2	5'-CGCGCCAACAAAGTATTACG-3'		152-bp	[52]
Pathotypes				
PCR Set-1				
pcvd432	CTGGCGAAAGACTGTATCAT AAATGTATAGAAATCCGCTGTT	EAEC	194 bp	[125]
lt	ACGGCGTTACTATCCTCTC TGGTCTCGGTCAGATATGTG	ETEC	273 bp	[124]
stp	TCTTTCCCCTCTTTTAGTCAG ACAGGCAGGATTACAACAAAG	ETEC	166 bp	[124]
sth	TTCACCTTTCCCTCAGGATG CTATTCATGCTTTCAGGACCA	ETEC	120 bp	[126]
eae	TCAATGCAGTTCCGTTATCAGTT GTAAAGTCCGTTACCCCAACCTG	EPEC/EHEC	482 bp	[125]
bfp	GGAAGTCAAATTCATGGGGGTAT GGAATCAGACGCAGACTGGTAGT	Typical EPEC	300 bp	[127]

Legend: DECs: Diarrheagenic *E. coli*; EAEC: Enteroaggregative *E. coli;* EHEC: Enterohemorrhagic *E. coli;* EIEC: Enteroinvasive *E. coli*; EPEC: Enteropathogenic E. coli; ETEC: Enterotoxigenic E. coli; tEPEC: Typical enteropathogenic *E. coli*.